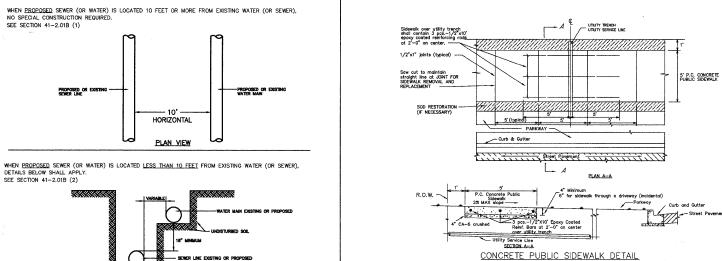


PLOT DATE = 8/23/2011



**WATER AND SEWER** 

NOT ALLOWED\*
MUST MAINTAIN 18" VERTICAL SEPARATION

**WATER AND SEWER** 

TYPE I

**WATERMAIN CROSSING** 

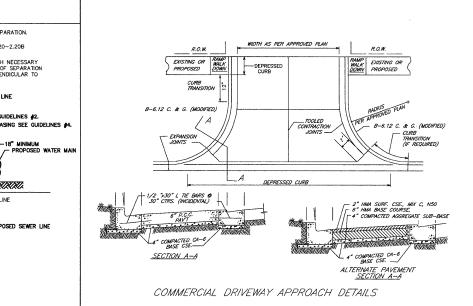
REVISED -

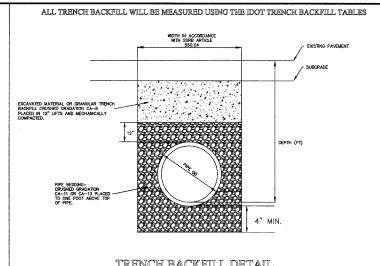
REVISED -

REVISED -

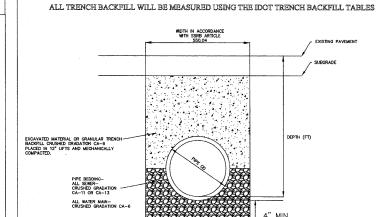
REVISED

- 8/23/2011





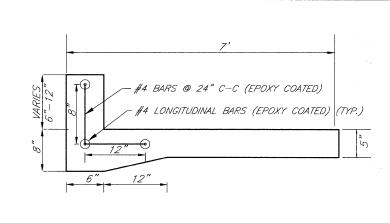
TRENCH BACKFILL DETAIL PVC SEWER



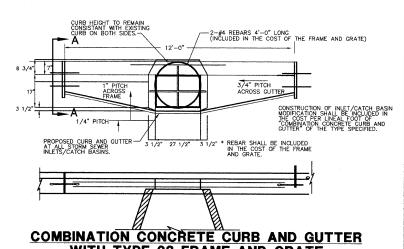
## TRENCH BACKFILL DETAIL ALL SEWER AND WATER (EXCEPT PVC)

- PIPE OPENINGS TO BE PRECAST INTO WALLS.
  PRECAST REINFORCED CONCRETE SECTIONS WITH PREFORMED BITUMINOUS JOINTS AND INTEGRAL PRECAST BOTTOMS.
  FRAME TO BE LAID IN 3/4" MASTIC BED.
- ADJUSTING RINGS NOT TO EXCEED 8".
  NEENAH R-4340-B ROUND BEEHIVE GRATE IN GRASS AREAS.
- INLETS IN PAVEMENT AREAS SHALL BE NEENAH R-2015-D.

TWO 10' LONG 4" PERFORATED PVC SDR 35 FINGER DRAINS REQUIRED IN ALL PROPOSED PAVEMENT AREAS. SEE FINGER DRAIN DETAIL.



PORTLAND CEMENT CONCRETE SIDEWALK CURB



WITH TYPE 23 FRAME AND GRATE

CITY OF DES PLAINES SECTION COUNTY **DETAILS** PROPOSED ROADWAY WIDENING AND 330 10-00213-00-CH LAKE 47 17 TRAFFIC SIGNAL INSTALLATION CONTRACT #: 63616 SHEET NO. OF SHEETS STA. LILLINOIS FED. AID PROJECT